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National Cooperative Dairy Herd Improvement Program



A plan for every size herd

STANDARD DHIA

OWNER SAMPLER

WEIGH-A-DAY - A-MONTH

AGRICULTURAL RESEARCH SERVICE, U. S. DEPARTMENT OF AGRICULTURE

Dairy-Herd-Improvement Letter

ARS-44-121
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1960 U. S. LACTATION AVERAGES

For DHIA cows calving in the year 1960, 741,264 lactation records reported for sire evaluation purposes survived ADP editing procedures. These excluded records for which no distinct breed was reported. The nationwide 305-2x-ME average for the 1960 calving year was 11,333 pounds of milk and 441 pounds of butterfat.

This represents an increase of 403 pounds of milk and 13 pounds of fat over the 1959 calving year. This increase may have been caused by any combination of factors such as genetic improvement, increasing levels of herd feeding and management, yearly weather differences, or changes in relative proportions of the various breeds.

Registered cows comprise 52 percent of the 741,264 lactation records reported for the 1960 calving year. Overall registered animals slightly excelled non-registered animals, 11,369 milk-453 fat to 11,294 milk-427 fat. Extreme caution should be exercised in the use of these lactation averages. Comparisons based upon gross averages may be influenced in varying degrees by differences in breeding value and levels of herd management and feeding. For example, herds composed of predominately registered animals may be characterized by somewhat higher levels of environment than herds composed of non-registered animals. Other factors to be considered are (1) the possibility of differential degrees of culling in registered and non-registered herds and (2) possible differences in the extent of the use of artificial insemination in registered herds as compared to herds largely composed of non-registered cows.

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CURRENT SERIAL RECORDS

Issued October 1962

One point which seems evident from these averages is that relatively more attention appears to have been given to butterfat in the registered populations than in the non-registered populations. It is of interest that only the Holstein averages for registered cows excelled the milk production of non-registered cows.

Valid comparisons of these two groups of animals can only be made by comparing registered cows to non-registered animals calving in the same herd, year, and season.

More extensive lactation tabulations by breed, State, month of freshening and registered versus non-registered will be printed and supplied to the Extension Dairyman in each State.

Nationwide DHIA 305-2x-ME Lactation Averages, 1960 Calving Year

Breed	Registered			Non-Registered			All		
	Number	Milk	Fat	Number	Milk	Fat	Number	Milk	Fat
Ayrshire	15,483	9,797	399	3,596	10,292	399	19,079	9,891	399
Guernsey	71,382	8,720	420	37,467	9,739	404	108,849	9,071	415
Holstein	239,342	12,919	474	288,438	11,661	431	527,780	12,231	451
Jersey	43,552	8,112	425	20,908	9,233	408	64,460	8,475	419
Brown Swiss	13,949	10,871	447	3,564	11,188	437	17,513	10,935	445
Milking Shorthorn	2,803	8,395	321	3,494	10,728	409	3,297	8,745	334
Red Dane	-	-	-	167	10,096	409	167	10,096	409
Red Poll	99	7,445	311	20	8,419	336	119	7,609	315
All Breeds	386,610	11,369	453	354,654	11,294	427	741,264	11,333	441

NOVEMBER 15, 1962

DEADLINE FOR REPORTING LACTATION RECORDS

DHIA-718 - DHIA-1095

Sire tabulations are to be made at six-month intervals in the future. To be included in the tabulations scheduled for January, 1963, all available lactation records should be reported to the Branch by November 15, 1962.

Supervisors should report manually calculated lactation records on form DHIA-718 as they are completed. Computing centers should report all available lactation records on form DHIA-1095 or on magnetic tape.

DEADLINE FOR REPORTING LACTATION RECORDS

NOVEMBER 15, 1962



Growth Through Agricultural Progress